

RSM in Southeast Oahu : Workshop 1

Date: June 29, 2004

Time: 9:00 am – 12:00 pm

Location: Waimanalo Public Library

Attendees:

BAE Spectral Solutions	Carrie Leonard
CCH-DDC	Dennis Toyama
COE Civil Works Tech	Jim Pennaz
COE Civil Works Tech	Tom Smith
COE Civil Works Tech	Jessica Hays
COE Environmental	Kanalei Shun
COE ERDC	Stan Boc
COE Geotech	Ray Kong
COE RVC	Iwalani Sato
COE Safety Office	Eric Bjorken
CZM Hawaii	Susan E. Miller
DA Intern	Didier Fusero
DLNR/OCCL	Sam Lemmo
EKNA Services	Elaine Tamaye
EKNA Services	Larry Brower
EPA	Wendy Wiltse
Makai Ocean Engineering	Reb Bellinger
MCBH Kaneohe	John Gouner
NOAA PSC	John Marra
Oceanit	Warren Bucher
RAB	D. Kanoheb
UH Seagrant	Dolan Eversole
University of Hawaii	Chip Fletcher
USAF Hickam	Mark Petersen
WCP, Inc	Wil Chee

RSM in Southeast Oahu : Workshop 1 Agenda

TIME	TOPICS	PRESENTER
9:00am - 9:05am	WELCOME AND INTRODUCTIONS	DLNR/USACE
9:05am - 9:20am	NATIONAL RSM PROGRAM	Stan Boc
9:20am - 9:35am	STATE PERSPECTIVE	Sam Lemmo
9:35am - 9:50am	SOUTHEAST OAHU DEMO PROJECT	Tom Smith
9:50am - 10:00am	BREAK	
10:00am - 10:10am	SCOPE OF WORK	Jessica Hays
10:10am - 10:20am	ENVIRONMENTAL CONSIDERATIONS	USACE
10:20am - 10:30am	GEOTECHNICAL INVESTIGATIONS	Ray Kong
10:30am - 10:50am	PROBLEMS & OPPORTUNITIES	ALL
10:50am - 11:00am	BREAK	
11:00am - 11:45am	BREAKOUT SESSIONS	ALL
11:45am - 12:00pm	GENERAL DISCUSSIONS	ALL
12:00pm	ADJOURN	

RSM Workshop Notes: June 29, 2004

1) Existing Data and Data Gaps

Existing Data:

- GIS Data (NOAA Pac. Services Center)
- Non-directional buoy data
- Individual Shoreline Studies
- Some rectified aerials (resolution to 2m)
- SHOALS Data
- Watershed Studies

Data Gaps:

- Directional Wave Data
- Vertical Datum Verification (to be revisited by NGS?)
- Recent Aerial Photos with better resolution
- Current data (site-specific) & general circulation data
- Sand source information
- Hindcast Data

2) Environmental/ Permit Concerns

Environmental:

- Project Timeframe (EIS, public input)
- Define “Regional”, mauka to makai or “coastal zone” (streams, stormwater)
- “Baseline” Studies (Biological surveys, marine/benthic, coral reefs, aviary studies, offshore islands-sanctuaries, cultural/social, recreational issues, economic cost/benefit)
- Environmental Monitoring (seasonal, annual, decadal?)

Permitting:

- Timeframe
- Define Region and Scope (EIS- Programmatic, rivers/land use?, TMDL/DOH, Kaiwainui)
- List Alternatives/ Options
- State CDUA (ACOE DA, CZM Consistency, DOH – WQC, NPDES, Fish and Wildlife Consultation, County SMA)
- State SPGP <10,000cy (one stop permit)

3) Project Implementation

Federal:

- Funding (CAP, Section 103 - \$3M/5-7 ys, GI Study)
- Construction (RFP,IFB)
- Design (In house, A/E)
- Permit
- Sand Sources

Non-Federal:

- Funding (State/County, State or County Budget, DOT, DLNR, County PWs)
- Construction (RFP, IFB)
- Design (A/E Contract)

4) Potential Demo Projects/Erosional Hot Spots

Bellows Beach:

- Relocate (2009?)
- Remove revetment

Lanikai South:

- Beach Nourishment (Volume?)
- Environmental Concern (reef patches, programmatic)

Lanikai North

Kaupo Beach:

- Highway Issue

Ka'elepulu Stream & Boat Ramp:

- Mangage Sediment at Stream Mouth
- TetraTech Study?

Kaiona Beach

MCBH (Ft. Hase)